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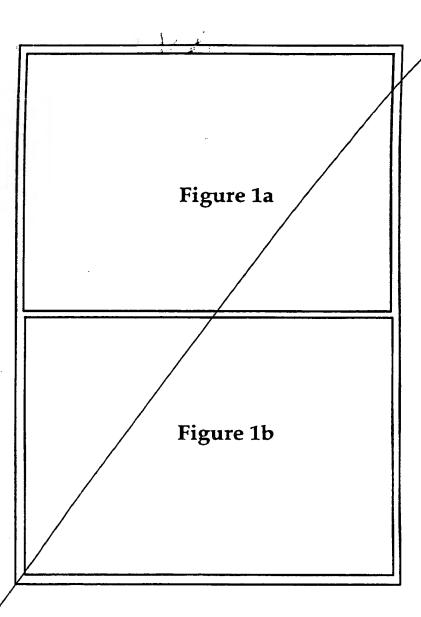
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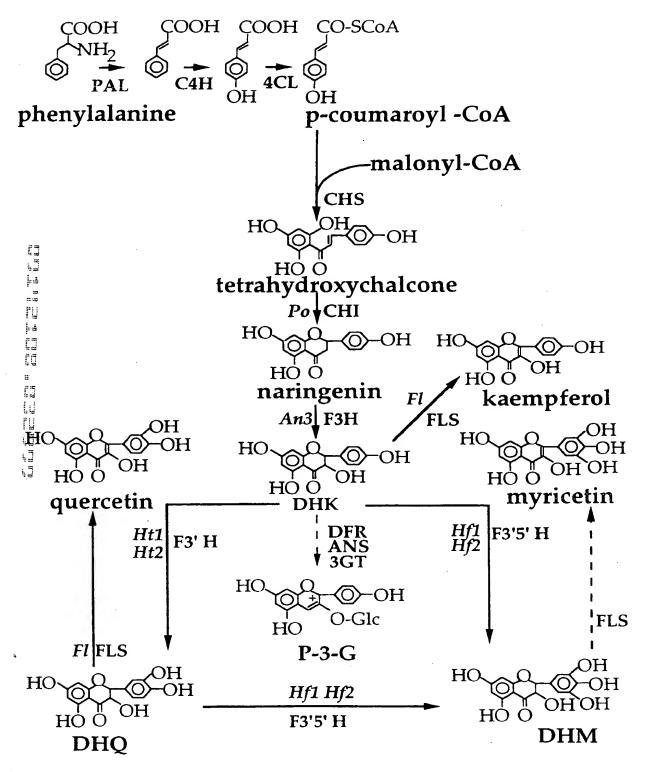


Figure 1a

3/21 OH HO HO OH Hf1, Hf2HÓ Ö HÓ Ó F3'5' H DHQ **DHM** An6 DFR An6 DFR **ANS** ANS 3GT 3GT OH HO HO `O-Glc HÒ cyanidin-3-glucoside delphinidin-3-glucoside Rt 3RT $Rt \mid 3RT$ O-Glc-O-Rha cyanidin-3-rutinoside delphinidin-3-rutinoside Gf ♥ ACT Gf ♥ ACT 5GT 5GT ⊙-OH HO O-Glc-O-Rha-pCum Glu-O cyanidin-3-(p-coumaroyl)-delphinidin-3-(p-coumaroyl)rutinoside-5 glucoside rutinoside-5 glucoside Mt1 | 3' OMT 3' OMT Mt2 HO HO O-Glc-O-Rha-pCum Glu-Ò Glc-Ò Ö-Glc-O-Rha-pCum peonidin-3-(p-coumaroyl)petunidin-3-(p-coumaroyl)rutinoside-5 glucoside rutinoside-5 glucoside Mf 3' 5' Mf1 3' 5' **OMT** Mf2 **OMT** OCH₃ Μ£ HO \ OCH3 O-Glc-O-Rha-pCum Glc-O malvidin-3-(p-coumaroyl)-Figure 1b rutinoside-5 glucoside



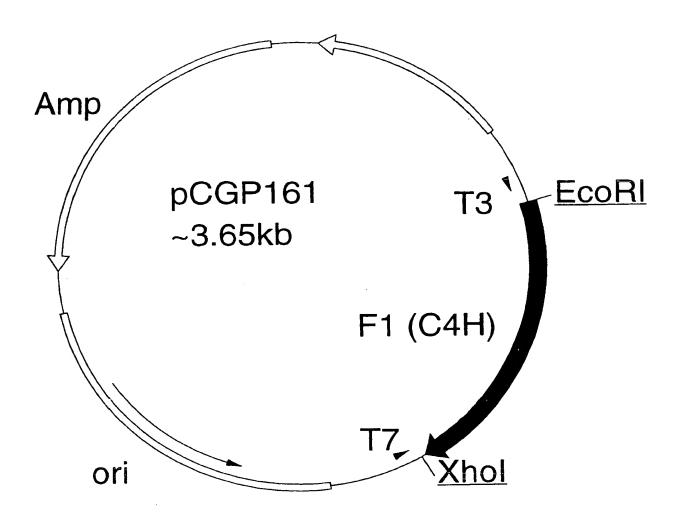


Figure 2

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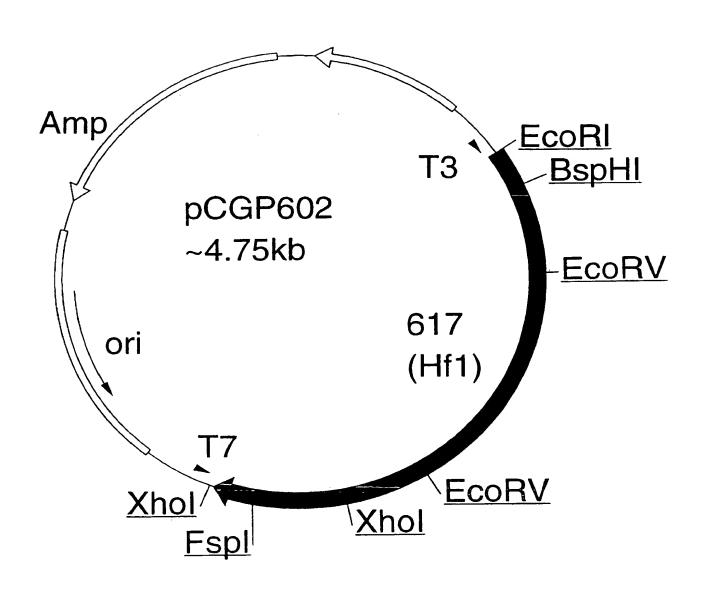


Figure 3

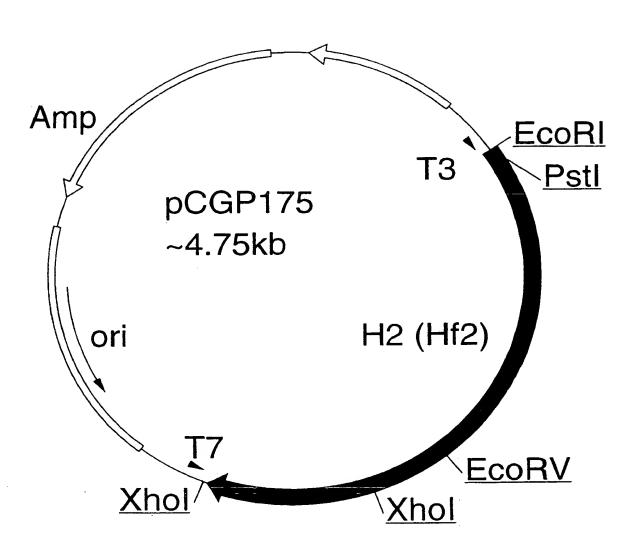
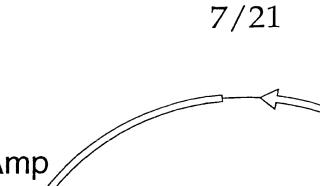


Figure 4



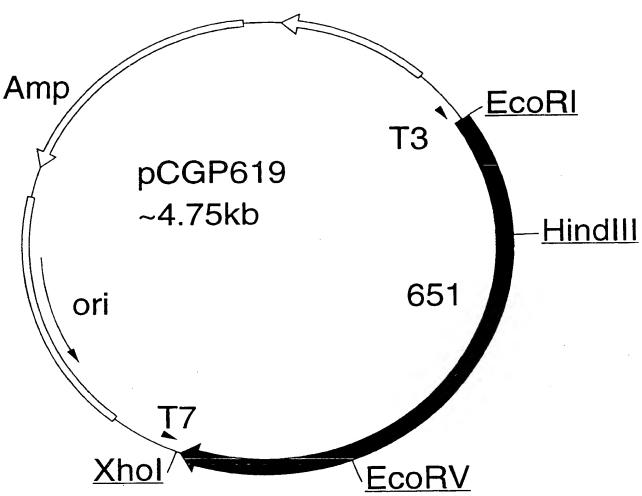
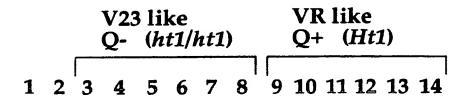


Figure 5



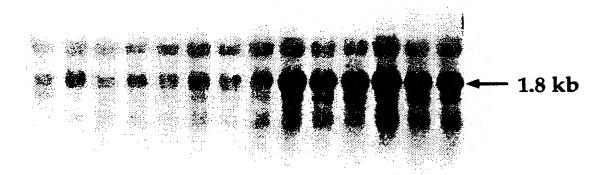


Figure 6

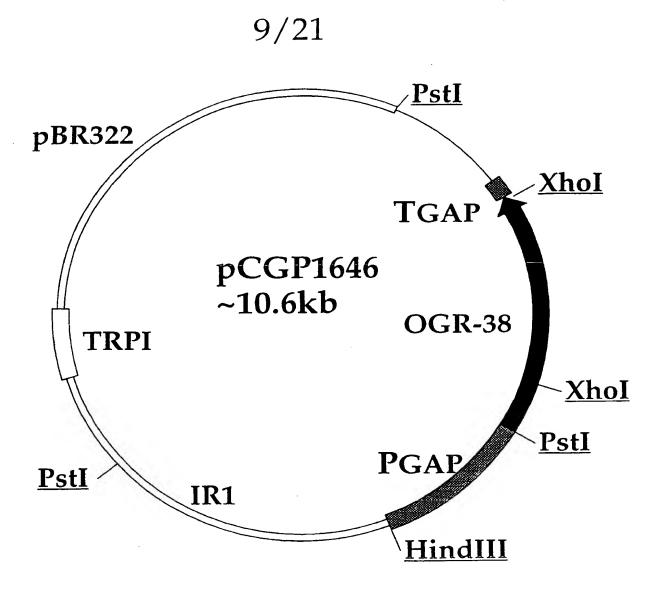


Figure 7

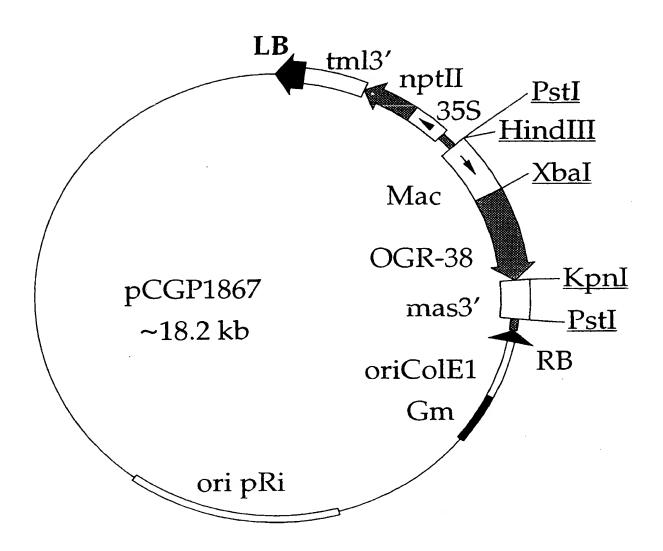


Figure 8

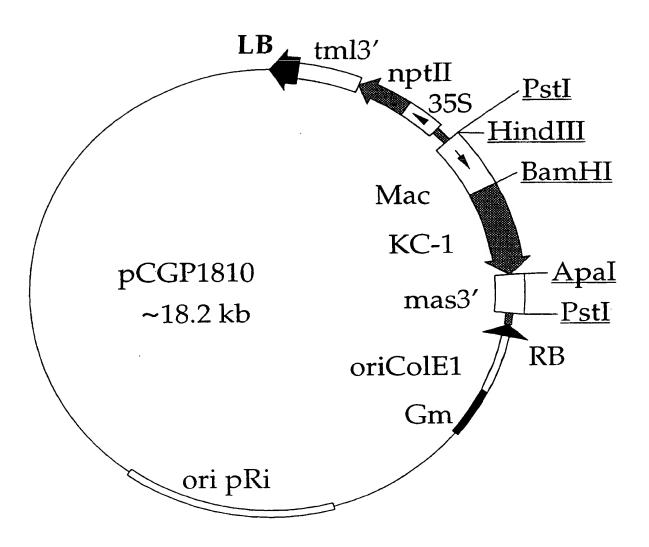


Figure 9

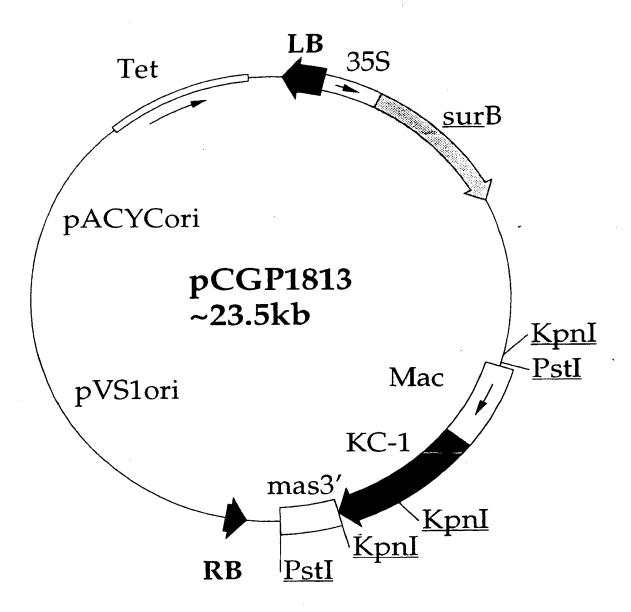


Figure 10

N8K16			N8 x K16 F2 population												
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Figure 11

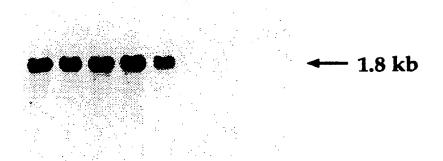


Figure 12

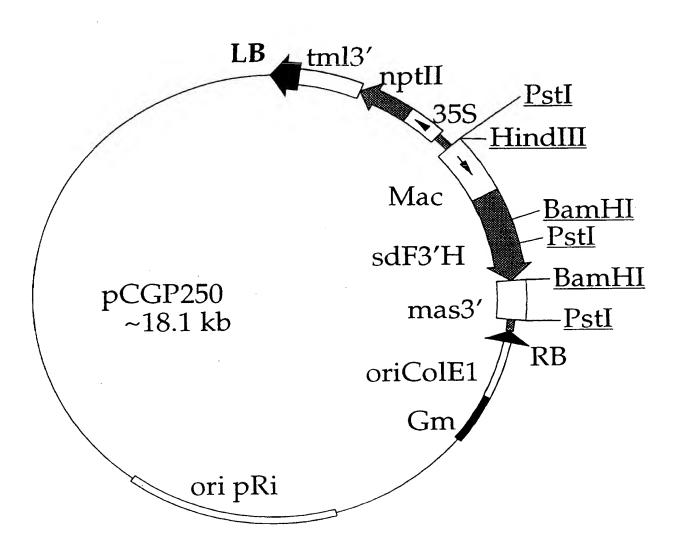


Figure 13

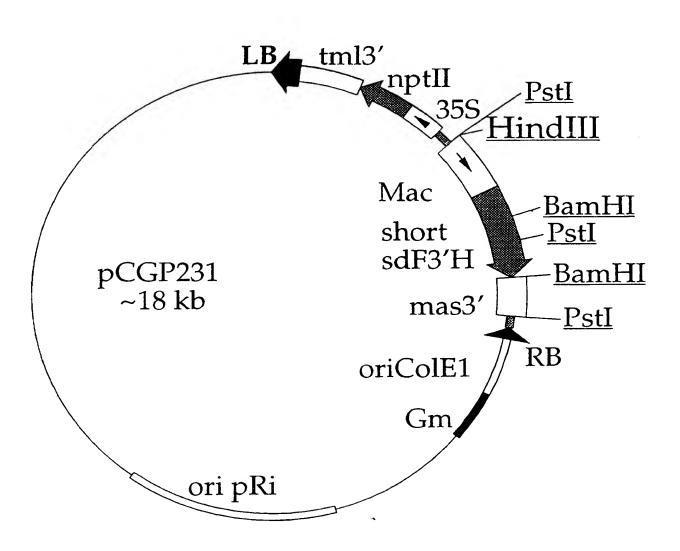


Figure 14

17/21

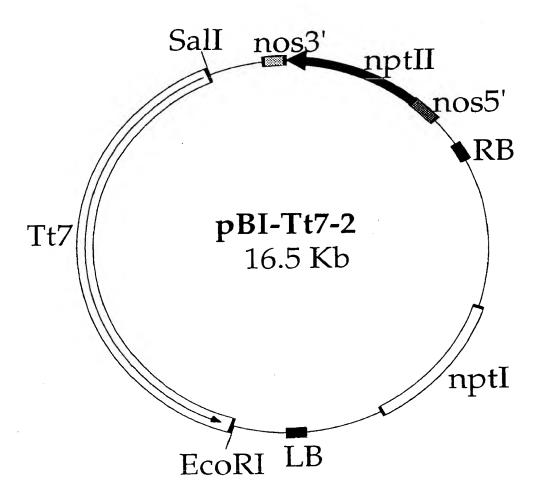


Figure 15

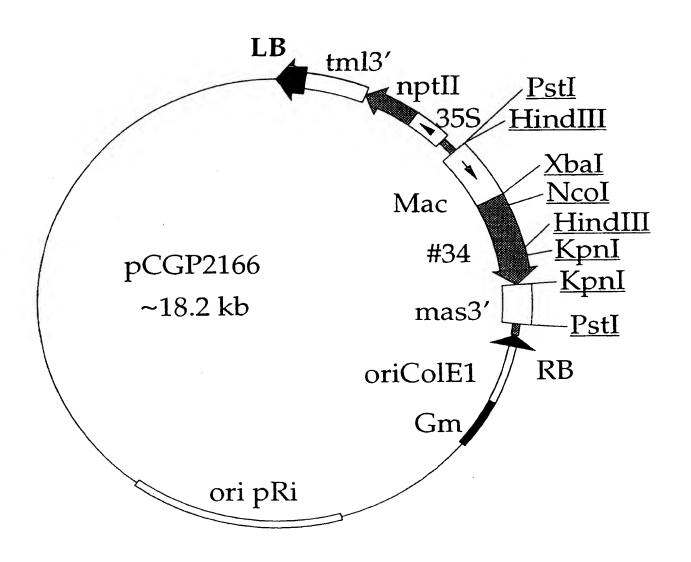


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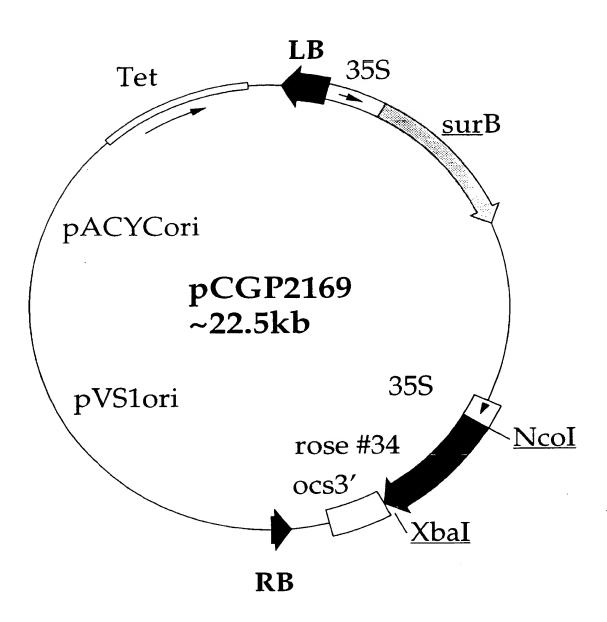


Figure 17



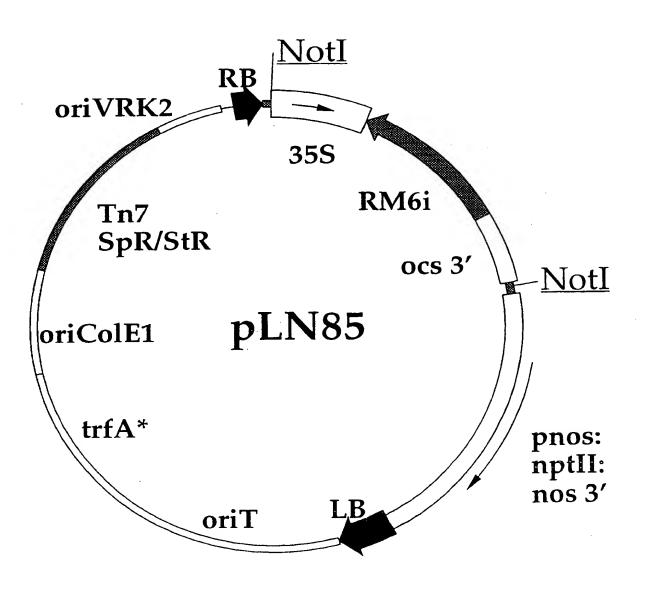


Figure 18

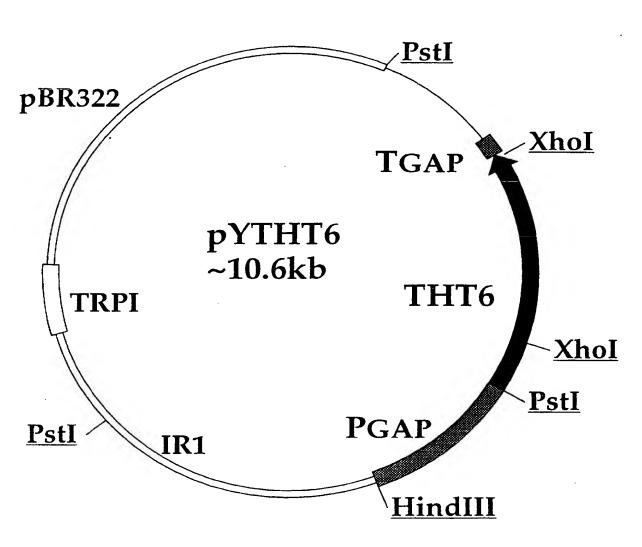


Figure 19